

P07 41795

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PATENT

1632

In re application of: Carol W. Readhead, Robert Winston, H. Phillip Koeffler, and Carsten Müller

Serial No.: 09/292,723

Filed on: April 15, 1999



TRANSFECTION, STORAGE AND TRANSFER OF MALE GERM CELLS FOR  
GENERATION OF SELECTABLE TRANSGENIC STEM CELLS

Examiner: Unknown

Group Art Unit: --

REQUEST FOR CORRECTION OF FILING RECEIPT

Application Processing Division  
Customer Correction Branch  
Assistant Secretary and Commissioner of Patents  
and Trademarks  
Washington, D. C. 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D. C. 20231, ON <u>July 21, 2000</u>	
By <u>ANN WEISS</u>	DATE <u>July 21, 2000</u>
(DATE OF SIGNATURE)	

Dear Sir or Madam:

Applicant requests correction of the Filing Receipt with respect to the above-referenced application as noted on the attached copy (Exhibit A).

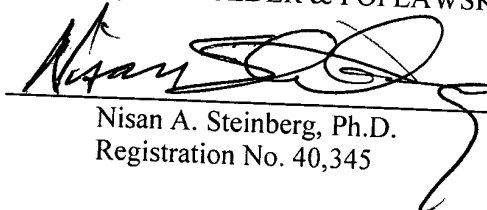
Applicant has submitted the correct continuing data information as indicated on the attached first sheet of applicant's application filed April 15, 1999 (Exhibit B).

The Continuing Data as Claimed by Applicant should read:

THIS APPLICATION IS A CIP OF 09/191,920, filed 11/13/98  
WHICH CLAIMS THE BENEFIT OF 60/065,825, filed November 14, 1997.

Respectfully submitted,

PRETTY, SCHROEDER & POPLAWSKI, P.C.

  
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Enclosure

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cc: CPA

FILING RECEIPT  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/292,723	04/15/99	1632	\$1,609.00	P0741795	7	132	7

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*IDS DUE: JUL 15, 1999 (ACKN. ON 7/1999)*  
*FOREIGN NOTICE: FEB 15, 2000.*  
*FOREIGN DDLN.: APR 15, 2000*  
*ON Q & A*  
*CC*

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s): CAROL READHEAD, PASADENA, CA; ROBERT WINSTON, LONDON, UNITED KINGDOM; H. PHILLIP KOEFFLER, LOS ANGELES, CA; CARSTEN MULLER, LOS ANGELES, CA.

*Continuing Data*  
*CIP of 09/191,920, filed 11/13/98*  
*which claims the benefit of 60/065,825, filed 11/14/97*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 06/01/99 \*\* SMALL ENTITY \*\*  
TITLE  
TRANSFECTION, STORAGE AND TRANSFER OF MALE GERM CELLS FOR GENERATION OF SELECTABLE TRANSGENIC STEM CELLS

PRELIMINARY CLASS: 800

DATA ENTRY BY: SHEFFEY, CATHERINE TEAM: 08 DATE: 07/21/99

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(See reverse for new important information)

## TRANSFECTION, STORAGE AND TRANSFER OF MALE GERM CELLS FOR GENERATION OF SELECTABLE TRANSGENIC STEM CELLS

This application is a continuation-in-part of U.S. Patent Application 09/191,920, filed November 13, 1998, which claims the benefit of U.S. Provisional Application No. 60/065825,  
5 filed on November 14, 1997.

### BACKGROUND OF THE INVENTION

Throughout this application various publications are referenced within parentheses. The disclosures of these publications in their entireties are hereby incorporated by reference in this application in order to more fully describe the state of the art to which this invention  
10 pertains.

#### 1. THE FIELD OF THE INVENTION

This invention relates to the medical arts, particularly to the field of transgenics and gene therapy. The invention is particularly directed to the field of transgenic vertebrate stem cells.  
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#### 2. DISCUSSION OF THE RELATED ART

The field of transgenics was initially developed to understand the action of a single gene in the context of the whole animal and phenomena of gene activation, expression, and interaction. This technology has been used to produce models for various diseases in humans  
20 and other animals. Transgenic technology is among the most powerful tools available for the study of genetics, and the understanding of genetic mechanisms and function. It is also used to study the relationship between genes and diseases. About 5,000 diseases are caused by a single genetic defect. More commonly, other diseases are the result of complex interactions between one or more genes and environmental agents, such as viruses or carcinogens. The  
25 understanding of such interactions is of prime importance for the development of therapies, such as gene therapy and drug therapies, and also treatments such as organ transplantation. Such treatments compensate for functional deficiencies and/or may eliminate undesirable